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# SCI Digest vol 21

## 20 October 2017

### News from the Solar Cooking Sector

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### Updates on Puerto Rico Disaster Recovery Activities

Thank you to everyone who contacted SCI eager to share your concerns for recently impacted vulnerable people in many parts of the world, such as Puerto Rico, the Virgin Islands, and the Rohingya refugees from Myanmar. SCI is working with our network to explore institutional solar cooking opportunities in some of these areas. We are in the preliminary planning stages for some recovery activities, and more information will be shared as these activities are developed.

## UN Conference on Climate Change- COP23



COP23 is the informal name for the 23rd Conference of the Parties to the United Nations Framework Convention on Climate Change (UNFCCC). The UNFCCC was adopted in 1992 at the Rio Earth Summit as a framework for action to stabilize concentrations of greenhouse gases in the earth's atmosphere. This marked the beginning of the international community's first concerted effort to confront the problem of climate change. At COP21 in November-December 2015, the parties negotiated what is known as the Paris Agreement, which established specific actions and targets for reducing greenhouse gases emissions, mitigating and adapting to the effects of climate change, and financing mitigation and adaptation efforts in developing countries. Signatory countries agreed to work to limit global temperature rise to below 2 degrees Celsius and to make strong efforts to keep the rise to 1.5 degrees Celsius. Fiji is presiding over COP23 in Bonn with the support of the government of Germany. COP23 will take place in Bonn, Germany, from 6-17 November.

Solar Cookers International is attending COP23 and will be working to promote no-emission solar cooking as an integral approach to meeting the Sustainable Development Goals adopted through the Paris Agreement. SCI Team Members will be urging governments, NGOs, and other partners to include specific language related to solar cooking in NDCs (Nationally Determined Contributions) and VNRs (Voluntary National Reviews) as well as any COP23 outcome declarations. Specifically, SCI will advocate for:

- Training public health practitioners and physicians to address household air pollution (HAP) during individual patient-provider interactions by promoting clean, sustainable cooking solutions such as solar cooking.
- Prioritizing the World Health Organization proposed survey questions for monitoring household energy use and SDGs 7.1.1 & 7.1.2

### Attending on behalf of SCI:

**Julie Greene** – SCI's Executive Director; leads international solar cooking advocacy, education, research, and networking activity.

**Mike Paparian** – SCI Board Member; an environmental finance and policy specialist who has held key positions in and out of California state government.

**Alan Bigelow, Ph.D.** – SCI Science Director and UN Representative; a physicist and leading expert on solar cooking from design, to testing, to production, to training and scaling up.

**Caitlin Hughes** – SCI Program Director; responsible for gathering and analyzing data to identify best practices from SCI's field projects and the global solar cooking community.

SCI will be participating in several workshops, discussions, and activities while in Bonn, including:

- co-hosting a side event on "Women's empowerment co-benefits with carbon emission credits and solar cooking" on Monday, November 13
- exhibiting on no-emissions solar cooking as a sustainable approach to UNFCCC objectives throughout the conference

For more information on SCI's work during the Conference, follow our social media channels on Facebook and Twitter throughout COP23 from November 6-13.

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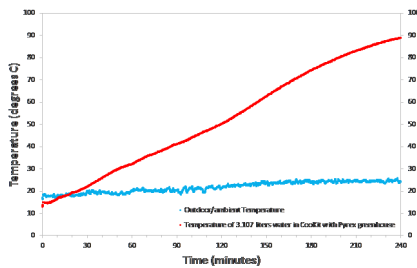
## **In case you missed it... Julie's Radio Interview on 920AM KVEC**

On September 14, SCI Executive Director Julie Greene and solar cooking aficionado Phyllis Davies were guests on the "Hometown Radio with Dave Congalton Show", broadcast by KVEC 920 AM from San Luis Obispo, California. For over 25 years, Dave Congalton has spoken with a mixture of local officials and interesting people on his radio show, discussing important issues facing California's communities.

The 40-minute interview spanned numerous topics, from the health impact of no-emission passive solar cooking to the need for performance testing protocols to SCI's work with the United Nations and the Sustainable Development Goals. Best of all, the entire interview with both Julie and Phyllis is available for replay from the 920AM-KVCE website. [Follow this link to find the audio posting](#), or [click here to be taken directly to the audio file](#).

**Now Available: Preliminary Results from the Performance Evaluation**

## Process (PEP)



The solar cooking sector has long recognized the need for a single standard for testing solar cookers. In response, SCI developed a performance evaluation process (PEP) based on the internationally-known [ASABE S580.1 standard for Testing and Reporting Solar Cooker Performance](#). Our Performance Evaluation Process (PEP) Manual was recently updated by Justin Tabatchnick and Alan Bigelow, Ph.D., and is [available](#) on the Solar Cookers International website.

We now have three preliminary results reports available for our Associates and partners to review. SCI would like to thank and acknowledge Jim La Joie for allowing us to share the PEP results for two models of the All Seasons Solar Cooker (ASSC). The results of the ASSC test, as well as PEP results for the classic Cookit, are now available on the ["Preliminary PEP Results" page of solarcookers.org](#).

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## SCI science director Alan Bigelow joins WG 3 (Field Testing) at ISO/TC285



**U.S. Technical Advisory Group (US TAG) to ISO/TC 285**  
Clean Cookstoves and clean cooking solutions

The ISO process for clean cookstoves is coming to its conclusion. The meeting will be held in Kathmandu, Nepal 30 October – 3 November 2017.

### Get involved at the ISO

Solar cooker manufacturers, particularly in the 29 Participating Members countries, connect with your [country delegates listed here](#). Contact the Participating members and Observing members from your country. Share these two key points in your discussions:

1. Solar cookers are Tier 4 cookstoves according to IWA
2. Solar cookers are an important technology to be included in the ISO/TC 285

### **3 Easy Steps**

1. [Go to the ISO/TC 285 website.](#)
2. Scroll down. Click on Participating members or Observing members. Identify your [country delegates listed here.](#)
3. Contact your country delegates and share the two key points:
  - Solar cookers are Tier 4 cookstoves according to IWA
  - Solar cookers are an important technology to be included in ISO/TC 285

**If you are eligible to join your national standards board, please do (and let SCI know).** Thanks to many SCI Associates, especially Dr. Paul Arveson (SHE), and Dr. Paul Funk, author of the ASAE 580.1 standard, who significantly contributed to this arduous, multi-year process.

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## **Solar Cookers International at SOCAP (Social Capital Markets)**



Where do you meet a recycler from Nigeria, an investor from Switzerland, a small business developer from Japan, and Solar Cookers International? At SOCAP (Social Capital Markets), a pivotal event bringing together those interested in making a difference through impact investing, and those eager to make a change in their communities as entrepreneurs. Held in San Francisco on October 10-13, SCI represented the solar cooking sector at this "intersection of money and meaning". SCI Program Director Caitlyn communicated the importance and opportunities for solar cooking and the successes of our partners and the solar cooking sector.

SCI identified multiple important capacity building opportunities for our partners, including the Miller Center for Social Entrepreneurship Online Accelerator Program and the US African Development Foundation. The

Miller Center contributed content to the Social Entrepreneurship Workshop that was offered as part of the 6th SCI World Conference 2017. Learn more and apply at [www.tiny.cc/ApplyGSBI](http://www.tiny.cc/ApplyGSBI) SCI Associates have participated previously and are applying this round.

The US African Development Foundation provides grants to 100% African owned and managed organizations, especially ones addressing off-grid energy solutions for underserved populations in Ethiopia, Ghana, Kenya, Liberia, Nigeria, Rwanda, Tanzania, Uganda, and Zambia. Learn more at <http://www.usadf.gov/apply/>.

SCI also provided enthusiastic entrepreneurs with solar cooking information, and SCI's network and resources. One entrepreneur, who focuses on employing people in communities to deliver healthcare solutions to rural customers, has already contacted a solar cooking manufacturer in Uganda (through SCI's Association), so he can begin incorporating solar cookers in his distribution.

SCI sharing these opportunities with our partners will enable our sector to scale up and reach the demand of 3 billion people. SCI is making sure that solar cooking is included in the conversations with people wanting to make a significant global impact.

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## **The Many Faces of Solar Cooking:**

**Share your photos and show solar cooking in your part of the world!**



Boil, fry, sauté, stew, steam...we know solar cookers can do it all. One of a family's best assets can be its solar cooker. According to the baseline data analyzed by Solar Cookers International, one year of ordinary use of a single solar cooker represents fuel savings of 1.1 tons of wood and keeps 1.6 tons of CO2 emissions out of the atmosphere.

Yet millions of people have never seen a solar cooker.

Submit your photos to [info@solarcookers.org](mailto:info@solarcookers.org) and help SCI illustrate this amazing technology to audiences around the world! Watch for

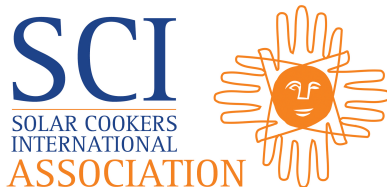
*Credit: Dr. Mrs. Janak Palta  
McGilligan*

your credited photos on Facebook and in future editions of the SCI  
Digest.

*Special Thanks to SCI Global Advisor Dr. Mrs. Janak Palta McGilligan  
for this edition's photo!*

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## Join the SCI Association



The [Solar Cookers International Association](#) is an elite group of academics, decision makers, designers, manufacturers, entrepreneurs, innovators, advocates, humanitarians, environmentalists, and NGOs working to promote solar thermal cooking worldwide. SCI Associates have a high impact on solar cooking worldwide, and SCI provides the extensive resources that Associates need for innovation and networking opportunities.

[Click here to join the SCI Association.](#) Your Association fees support the global solar cooking movement.

## Upcoming Webinar Opportunities

### SCI Webinar: Solar Cooking Sector Updates

10 January 2018

8:00-9:00 am Pacific Time/ 15:00-16:00 GMT

Registration details will be shared at a later date

### SCI Conference Call: Refugee Working Group

10 January 2018

9:00-10:00 am Pacific Time/ 16:00-17:00 GMT

## Recorded Webinars available from SCI

[How to Promote Integrated Solar Cooking as a  
Social Business: Two Examples of Success from  
Africa.](#)

Recorded 30 August 2017

This was a joint webinar presentation by Solar Cookers International and Solar Cooking The Netherlands - Kozon.



Registration details will be shared at a later date

Webinar participant feedback:

“Thank you for offering this seminar. The topic is on all of our minds as we try to move forward in the promotion and acceptance of solar cooking.”

“Wow! What a great webinar. Kudos to the folks at KoZon who presented, and also to you all at SCI for hosting the event. Thanks for all you do.”

Solar Cooking Sector Updates Webinar.

Recorded 21 September 2017

SCI and partner news on joint projects and learning, solar cooking in the media, and advocacy.

“An impressive collection of capabilities”-David Stillman, PhD

All recorded webinars can be accessed via the [SCI Association portal](#).

## Webinar Opportunity: Tuesday, October 24

### Red Mujeres en Energía Renovable y Eficiencia Energética

**RED MUJERES**  
EN ENERGÍA RENOVABLE Y EFICIENCIA ENERGÉTICA

**SCI**  
SOLAR COOKERS INTERNATIONAL

Te invitamos a la serie de webinars:  
**Cocinas Solares en Latinoamérica**  
Julio, agosto y octubre  
11:00 a 12:00 h

Grupo Fenix, la sazón del sol, INECCOLSONI, Cocina Solar México, UNIVERSIDAD TÉCNICA FEDERICO SANTA MARÍA



Red Mujeres en Energía Renovable y Eficiencia Energética (REDMEREE, or 'Women's Network in Renewable Energy and Energy Efficiency') will be hosting the third webinar in their series "Solar Cookers in Latin America" in collaboration with Solar Cookers International. This session, on Tuesday, October 24, will be focused on "Solar Cookers in the Andean Region", sharing success stories in Bolivia and Chile. [This webinar will be conducted in Spanish.](#)

Participants will include:

**Caitlyn Hughes**- Program Director, Solar Cookers International

**Rocío Maldonado**- Inti Illimani Association of Bolivia

**Pedro Serrano**- Professor at the Federico Santa María Technical University Chile

Moderators: Juana María Jarquín and Alejandra Campos (REDMEREE)

To participate, click on the link to the webinar the day and time of the event, or copy and paste the link:

<https://global.gotomeeting.com/join/718038765>

Please consider the following:

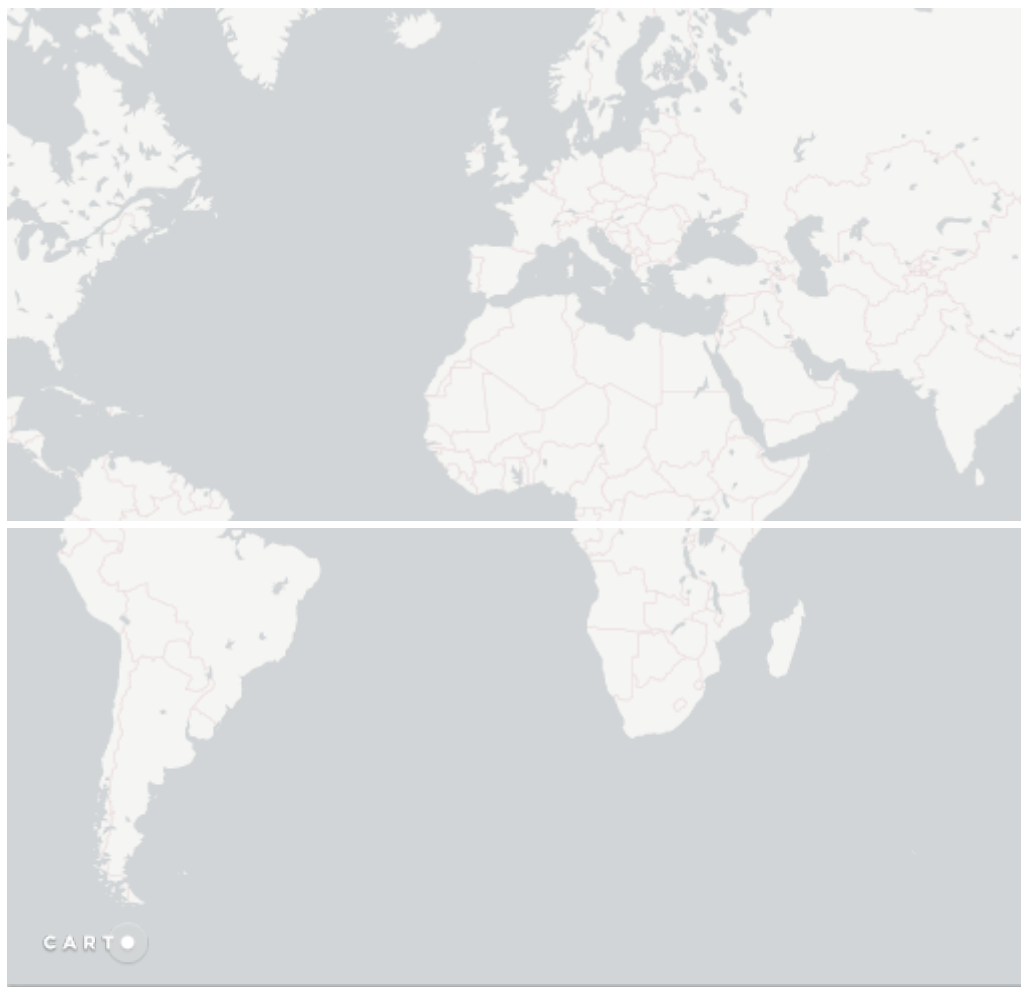
1. The link will be enabled only on the day and time designated for the event.
2. We suggest you enter prior to the webinar in order to download the necessary drivers if needed.
3. In case you can not connect, provide your contact information and request webinar materials request to [info@redmujeresenergia.org](mailto:info@redmujeresenergia.org)

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## Global Solar Cooker Distribution by Type

Have you ever wondered about the types of solar cookers used around the world? Solar Cookers International has been collecting this information through our "Solar Cooker Distribution" data map! Many of our partners have provided data and information about which solar cookers are used in certain geographic regions. This information helps SCI demonstrate the scale of passive solar cooking technology to international leaders and sector partners. Add your data today at <http://www.solarcookers.org/our-work/solar-cooker-distribution/>, or explore our interactive map listing our latest solar cooker distribution by type data below.

(Curious about what the difference is between a box cooker and a panel cooker? Learn more about [solar cooker designs on solarcooking.org!](#))



Map created by  [caitlynsolarcookers](http://caitlynsolarcookers.com)

## Upcoming Events and Conferences



### **The Global Alliance for Clean Cookstoves - Clean Cooking Forum**

*\*SCI attending - confirmed*

New Delhi, India

24 - 28 October 2017

<http://www.cleancooking2017.org/>

Attendees will include:

- Alan Bigelow, SCI Science Director
- Dr. Mrs. Janak Palta McGilligan, SCI Global Advisor and SCI Associate
- Mr. Deepak Gadhia, SCI Global Advisor and SCI Associate
- Mr. Jayasimha BK
- Mr. Jagadeesawra Reddy



## **International Organization for Standardization (ISO)/TC 285**

*\*SCI attending - confirmed*

Kathmandu, Nepal

30 October – 03 November 2017

<http://cleancookstoves.org/events/394.html>



## **UN Climate Change Conference (COP23)**

*\*SCI attending - confirmed*

Bonn, Germany

6 - 17 November 2017

<http://www.cop-23.org>

SCI attendees will include:

- Julie Greene, Executive Director and SCI Associate
- Alan Bigelow, Ph.D., Science Director and SCI Associate
- Mike Paparian, SCI Board Member and SCI Associate
- Caitlyn Hughes, Program Director and SCI Associate



## **Safe Access to Fuel and Energy (SAFE) Humanitarian Workshop**

*\*SCI attending - confirmed*

Nairobi, Kenya

28 November- 1 December 2017

Registration for the SAFE Humanitarian Workshop in Nairobi is free and open; [follow this link to register and reserve your space](#).

[Click here to provide input on the workshop agenda](#).

## CONSOLFOOD 2018

### CONSOLFOOD2018 - Advances in Solar Thermal Food Processing

*\*SCI attending- confirmed*

Instituto Superior de Engenharia, Universidade do Algarve,  
Campus da Penha

Faro, Portugal

22 - 24 January 2018

[www.consolfood.org](http://www.consolfood.org)

## Funding Opportunities

### The Draper Richards Kaplan Foundation-- Application

[The Draper Richards Kaplan Foundation](#) is accepting applications from social enterprises that are between one and three years old, with scalable business models that work to affect policy, public opinion, and economies. Grantees will receive USD \$300,000. Applications are accepted year-round.

Apply at: <http://www.tfaforms.com/337241>

**Closing: 31 December 2017**

## Accelerate SCI's Impact

If you've been reading SCI's email and annual report, then you know that SCI is expanding the solar cooking community. Accelerate SCI's impact with your donations.

You can also sponsor a webinar, which helps SCI coordinate among our global Associates and related partners.

Just \$1,500 gets you noticed by the professional solar cooking community.

For more information, email [donor.relations@solarcookers.org](mailto:donor.relations@solarcookers.org).

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Please submit articles for the *SCI Digest* to [info@solarcookers.org](mailto:info@solarcookers.org).

**Consider a special gift to SCI in 2017--Honor someone with a gift [today](#).**

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**Solar Cookers International is a 501 (c)(3) non-profit organization leading global advocacy for the solar cooking sector.**

To learn more, visit [www.solarcookers.org](http://www.solarcookers.org)

***SCI Digest Editor:*** Ms. Julie Greene, Executive Director, Solar Cookers International

***Assistant Editor:*** Mr. Levi McGarry, Program Associate, Solar Cookers International

***Layout:*** Mr. Jeron Lawson, Administration Assistant, Solar Cookers International



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